

CODEC I/O PORTS

INPUT / OUTPUT PORTS, COMBINATION A/D & D/A's																		Model Designator						
Power Supply Requirements								Input Voltage	Conversion Rate	Accuracy or Linearity	Differential Linearity	Full Scale Error	Zero Error	Bipolar Zero Error	Voltage Reference	I/O Range	Temperature							
MODEL	# Bits	+Icc #	+Vcc mA	-Iee mA	+Vdd mA	+Idd mA	Range	KSPS	+25C Tmax	+25C Tmax	+25C Tmax	+25C Tmax	+25C Tmax	+25C Tmax	INT EXT	70C 85 85 125	0 -25 -40 -55	# of Pins	Starting Price /100's					
AD7569 (With on board 8 bit D/A)																								
AD7569	8	5	13	5	4				± 2.5	500	1	1	1	4	5.5	2	3	3	3.5	+1.2V	P8	J A	S 24 \$6.60	
AD7569	8										1/2	1/2	3/4	3/4			1.5	2.5	2.5	3		K B	T	\$9.90
AD7339 (With on board Dual Parallel 8 bit D/A & Dual 8 bit Serial D/A)																						52 tbd		
AD7339	8	5	45						+1.4± 1.4	2000	1	1	1	1	NS	NS	3	3	NA	+2.5V	P8	B		
AD7669 (With on board dual 8 bit D/A)																						28 \$8.53		
AD7669	8	5	18	5	6				± 2.5	500	1	1	1	1	4	5.5	2	3	3	3.5	+1.2V	P8	J A	28 \$8.53
AD7774 8 (2 PGA,s, 2S/H, 3 8 bit DAC,s, 1 11 bit DAC)																								
AD7774	8	5	8	10	33					277	1	1	1	1	5	5	2	2	5	5	Yes	P8 J		28 \$23.20
AD8401 4 Channel Mux, with 1, 8 bit D/A's																								
AD8401	8	+5V	13					+3V	500	1	1	1	2	4	2	4			1.25	P8	G	28 \$9.00		
AD7868 (With on board 12 bit D/A)																								
AD7868	12		5	12	5	27	±3	83	NS	NS	0.9	0.9	5	5	NA	NA	5	5		S	A	24 \$26		
AD7868	12										1	1						5	5		B		\$35	
AD7729 Dual 12 A/D, w/Aux 10 Bit D/A																								
AD7729	12	2.7	27				Vbias±Vre	270.3	AC Spec only, see data sheet									+1.2V		A		28 tbd		
AD7869 (With on board 14 bit D/A)																								
AD7869	14		5	22	5	12	±3V	83	2	2	1	1	20	20	NS	NS	20	20	+3V	S J		24 \$32		
Power Suppl Requirements								Input Voltage	Conversion Rate	Accuracy or Linearity	Differential Linearity	Full Scale Error	Zero Error	Bipolar Zero Error	Voltage Reference	Tristate I/O	Temperature							
MODEL	# Bits	# CH	+Icc #	+Vcc mA	Range	KSPS	+25C Tmax	+25C Tmax	+25C Tmax	Lsb's	Lsb's	Lsb's	Lsb's	Lsb's	Reference Output	Output Latches	0 -25 -40 -55	# of Pins	Starting Price /100's					
AD9807, Complete 3 Channel CCD Signal Processor, w/Digital Gain/Offset Pixel Correction																								
AD9801	10	1	+3V	85	PGA	18000	1.5typ		3/4	3/4	50	50	NA	NA	NA	NA	+2.5V	Bi-Dir	P12			64 \$15.00		
AD9802	10	1	+3V	85	PGA	18000	1.5typ		3/4	3/4	50	50	NA	NA	NA	NA	+2.5V	Bi-Dir	P12			64 \$15.00		
AD9805	10	3	+5V	85	PGA	6000	1.5typ		3/4	3/4	50	50	NA	NA	NA	NA	+2.5V	Bi-Dir	P12			64 \$25.00		
AD9807	12	3	+5V	85	PGA	6000	1.5typ		3/4	3/4	50	50	17	17	NA	NA	+2.5V	Bi-Dir	P12			64 \$29.25		